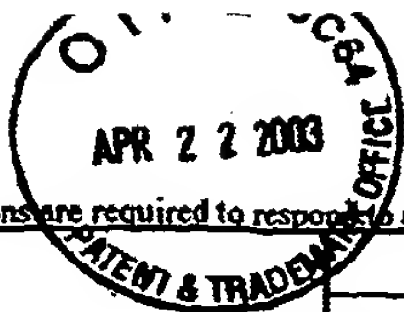


Please type a plus sign (+) inside this box → ☐



PTO/SB/8A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	09/779,202
		Filing Date	February 07, 2001
		First Named Inventor	JIAN-BING FAN et al.
		Group Art Unit	1645 / 634
		Examiner Name	NOT YET ASSIGNED
Sheet 1 of 6	Attorney Docket Number	A-69850-1/DJB/RMS/DCF	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
✓	1	4,200,110		Peterson et al.	4/1980	
✓	2	4,499,052		Fulwyler	2/1985	
✓	3	4,682,895		Costello	7/1987	
✓	4	4,785,814		Kane	11/1988	
✓	5	4,822,746		Walt	4/1989	
✓	6	4,824,789		Yafuso et al.	4/1989	
✓	7	4,999,306		Yafuso et al.	3/1991	
✓	8	5,002,867		Macevicz	3/1991	
✓	9	5,028,545		Soini	7/1991	
✓	10	5,105,305		Betzig et al.	4/1992	
✓	11	5,114,864		Walt	5/1992	
✓	12	5,132,242		Cheung	7/1992	
✓	13	5,143,853		Walt	9/1992	
✓	14	5,194,300		Cheung	3/1993	
✓	15	5,244,636		Walt et al.	9/1993	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ² (if known)				
✓	16	EP	0 269 764			6/1988		
✓	17	EP	0 392 546			10/1990		
✓	18	EP	0 478 319			4/1992		
✓	19	EP	0 723 146			7/1996		
✓	20	WO	89/11101			11/1989		
✓	21	WO	93/02360			2/1993		
✓	22	WO	96/03212			2/1996		
✓	23	WO	97/14028			4/1997		
✓	24	WO	97/14928			4/1997		
✓	25	WO	97/40385			10/1997		
✓	26	WO	98/40726			9/1998		

Examiner Signature		Date Considered	6/27/2003
--------------------	--	-----------------	-----------

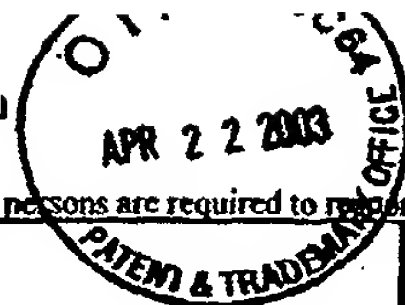
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

(1052698)

Please type a plus sign (+) inside this box → ☐



PTO/SB/8A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known		
				Application Number	09/779,202	
Sheet		2	of	6	Filing Date	February 07, 2001
					First Named Inventor	LIAN-BING FAN et al.
					Group Art Unit	1645 1634
					Examiner Name	NOT YET ASSIGNED
					Attorney Docket Number	A-69850-1/DJB/RMS/DCF

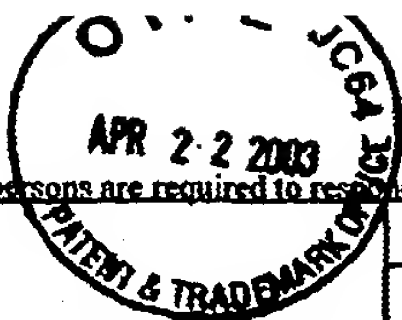
U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
W	27	5,244,813		Walt et al.	9/1993	
✓	28	5,250,264		Walt et al.	10/1993	
✓	29	5,252,494		Walt	10/1993	
✓	30	5,254,477		Walt	10/1993	
✓	31	5,298,741		Walt et al.	3/1994	
✓	32	5,302,509		Cheeseman	4/1994	
✓	33	5,320,814		Walt et al.	6/1994	
✓	34	5,357,590		Auracher	10/1994	
✓	35	5,380,489		Sutton et al.	1/1995	
✓	36	5,435,724		Goodman et al.	7/1995	
✓	37	5,474,895		Ishii et al.	12/1995	
✓	38	5,481,629		Tabuchi	1/1996	
✓	39	5,494,798		Gerd et al.	2/1996	
✓	40	5,496,997		Pope	3/1996	
✓	41	5,512,490		Walt et al.	4/1996	
✓	42	5,516,635		Ekins et al.	5/1996	
✓	43	5,565,324		Still et al.	10/1996	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴	Kind Code ⁵ (if known)			
W	44	WO	98/50782			11/1998	
✓	45	WO	98/53093			11/1998	
✓	46	WO	98/53300			11/1998	
✓	47	WO	99/18434			4/1999	
✓	48	WO	99/60170			11/1999	
✓	49	WO	99/67414			12/1999	
✓	50	WO	99/67641			12/1999	
✓	51	WO	00/04372			1/2000	
✓	52	WO	00/13004			3/2000	

Examiner Signature	<i>John W.</i>	Date Considered	6/27/2003
--------------------	----------------	-----------------	-----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.
 Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. (1052698)

Please type a plus sign (+) inside this box → ☐



Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/779,202
Filing Date	February 07, 2001
First Named Inventor	JIAN-BING FAN et al.
Group Art Unit	1645 1634
Examiner Name	NOT YET ASSIGNED
Attorney Docket Number	A-69850-1/QJB/RMS/DCF

Sheet 3 of 6

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
W	✓	53	5,573,909	Singer et al.	11/1996	
	✓	54	5,575,849	Honda et al.	11/1996	
	✓	55	5,633,972	Walt et al.	5/1997	
	✓	56	5,639,603	Dower et al.	6/1997	
	✓	57	5,656,241	Seifert et al.	8/1997	
	✓	58	5,690,894	Pinkel et al.	11/1997	
	✓	59	5,814,524	Walt	10/1998	
	✓	60	5,840,256	Demers et al.	11/1998	
	✓	61	5,854,684	Stabile et al.	12/1998	
	✓	62	5,863,708	Zanzucchi et al.	1/1999	
	✓	63	5,888,723	Sutton et al.	3/1999	
	✓	64	5,900,481	Lough et al.	5/1999	
	✓	65	6,023,540	Walt et al.	2/2000	
	✓	66	5,679,524	Nikiforov et al.	10/1997	
	✓	67	5,856,083	Chelsky et al.	01/1999	
W	✓	68	5,858,732	Solomon et al.	01/1999	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
		Office ³	Number ⁴	Kind Code ² (if known)				
W	✓	69	WO	00/16101		3/2000		
	✓	70	WO	00/39587		7/2000		
	✓	71	WO	00/47996		8/2000		
	✓	72	WO	00/48000		9/2000		
	✓	73	WO	00/63437		10/2000		
	✓	74	WO	00/71243		11/2000		
	✓	75	WO	00/71995		11/2000		
W	✓	76	WO	00/75373		12/2000		

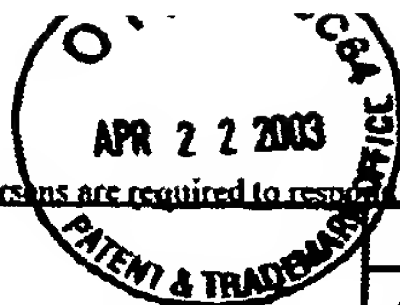
Examiner Signature	<i>Walt</i>	Date Considered	6/27/2003
--------------------	-------------	-----------------	-----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. (1052698)

Please type a plus sign (+) inside this box → ☐



PTO/SB/8B (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	09/779,202
		Filing Date	February 07, 2001
		First Named Inventor	JIAN-BING FAN et al.
		Group Art Unit	1645 / 1634
		Examiner Name	NOT YET ASSIGNED
Sheet 5 of 6	Attorney Docket Number	A-69850-1/DJB/RMS/DCF	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>m</i>	87	Abel et al., "Fiber-Optic Evanescent Wave Biosensor for the Detection of Oligonucleotides," Anal. Chem. 68:2905-2912 (1996).	
	88	Anonymous, "Microsphere Selection Guide," Bandg Laboratories, (Fisher, IN) September 1998.	
	89	Anonymous, "Fluorescent Microspheres," Tech. Note 19, Bang Laboratories, (Fishers, IN) February 1997.	
	90	Bangs, L.B., "Immunological Applications of Microspheres," The Latex Course, Bangs Laboratories (Carmel, IN) April 1996.	
	91	Barnard et al., "A Fibre-Optic Chemical Sensor with Discrete Sensing Sites," Nature, 353:338-340 (September 1991).	
	92	Chen et al., "A Microsphere-Based Assay for Multiplexed Single Nucleotide Polymorphism Analysis Using Single Base Chain Extension," Genome Research, 10(4):549-557 (2000).	
	93	Czarnik, "Illuminating the SNP Genomic Code," Modern Drug Discovery, 1(2): 49-55 (1998).	
	94	Drmanac, R. et al., "Sequencing by Oligonucleotide Hybridization: A Promising Framework in Decoding of the Genome Program," The First International Conference on Electrophoresis, Supercomputing and the Human Genome, Proceeding of the April 10-13, 1990 Conference at Florida State University. Ed. C. Cantor and H. Lim.	
	95	Drmanac, R. et al., "Prospects for a Miniaturized, Simplified and Frugal Human Genome Project," Scientia Yugoslavica, 16(1-2):97-107 (1990).	
	96	Drmanac, R. et al., "Sequencing by Hybridization (SBH) with Oligonucleotide Probes as an Integral Approach for the Analysis of Complex Genomes," International Journal of Genome Research, 1(1):59-79 (1992).	
	97	Drmanac, R. et al., "Sequencing by Hybridization," Automated DNA Sequencing and Analysis, ed. M. Adams, C. Fields and J. Venter. (1994).	
	98	Ferguson et al., "A Fiber-Optic DNA Biosensor Microarray for the Analysis of Gene Expression," Nature Biotechnology, 14:1681-1684 (1996).	
	99	Fuh et al., "Single Fibre Optic Fluorescence pH Probe," Analyst, 112:1159-1163 (1987).	
	101	Healey et al., "Improved Fiber-Optic Chemical Sensor for Penicillin," Anal. Chem. 67(24):4471-4476 (1995).	
	102	Healey et al., "Development of a Penicillin Biosensor Using a Single Optical Imaging Fiber," SPIE Proc. 2388:568-573 (1995).	
	103	Healey et al., "Fiberoptic DNA Sensor Array Capable of Detecting Point Mutations," Analytical Biochemistry, 251:270-279 (1997).	
	104	Hirschfeld et al., "Laser-Fiber-Optic "Optrode" for Real Time In Vivo Blood Carbon Dioxide Level Monitoring," Journal of Lightwave Technology, LT-5(7):1027-1033 (1987).	
<i>✓</i>	105	Iannone et al., "Multiplexed Single Nucleotide Polymorphism Genotyping by Oligonucleotide Ligation and Flow Cytometry," Cytometry, 39:131-140 (2000).	

Examiner Signature	<i>[Signature]</i>	Date Considered	6/27/2003
--------------------	--------------------	-----------------	-----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English Language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

A circular stamp from the Office of Intellectual Property (OIP). The text "OIP" is at the top, "JCSA" is at the bottom right, and "PATENT & TRADEMARK OFFICE" is at the bottom. The date "APR 22 2003" is stamped in the center.

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known Application Number: 09/779,202 Filing Date: February 07, 2001 First Named Inventor: JIAN-BING FAN et al. Group Art Unit: 1645 1634 Examiner Name: NOT YET ASSIGNED Attorney Docket Number: A-69850-1/DJB/RMS/DCF	
Sheet	6	of	6		

[illegible]

Examiner Signature	<i>W. L. M.</i>	Date Considered	6/27/2003
--------------------	-----------------	-----------------	-----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English Language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.
8086 1449B.FRM (1/01)
(1052698)

Please type a plus sign (+) inside this box, → ☐

PTO/SB/3A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

1 of 3

Complete if Known

Application Number	09/779,202
Filing Date	February 07, 2001
First Named Inventor	FAN et al.
Group Art Unit	1645 / 1634
Examiner Name	Not Yet Assigned
Attorney Docket Number	A-69850-1/DJB/RMS/DCF

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
W	1	5,494,810		Barany et al.	02/1996	
/	2	5,604,097		Brenner	02/1997	
	3	5,632,957		Heller et al.	05/1997	
/	4	5,763,175		Brenner	06/1998	
/	5	5,780,231		Brenner	07/1998	
/	6	5,795,714		Cantor et al.	08/1998	
/	7	5,830,711		Barany et al.	11/1998	
/	8	5,976,797		Mitsubishi	11/1999	
/	9	6,027,889		Barany et al.	02/2000	
/	10	6,054,564		Barany et al.	04/2000	
✓	11	6,096,496		Frankel	08/2000	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ² (if known)				
u	12	WO	93/25563	A1	City of Hope	12/1993		
/	13	WO	94/02515	A1	Bunsen Rush Laboratories Inc.	02/1994		
/	14	WO	95/21271	A1	Molecular Tool Inc.	08/1995		
/	15	WO	95/16918	A1	Combichem Inc.	06/1995		
/	16	WO	96/15271	A1	Abbott Laboratories	05/1996		
/	17	WO	96/30392	A1	Ciba-Geigy AG	10/1996		
/	18	WO	97/31256	A2	Cornell Research Foundation, Inc.	08/1997		
✓	19	WO	97/45559	A1	Cornell Research Foundation, Inc.	12/1997		

Examiner Signature	<i>[Signature]</i>	Date Considered	6/27/2003
--------------------	--------------------	-----------------	-----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

1090110

Please type a plus sign (+) inside this box → E

PTO/SB/8A (08-00)

Approved for use through 10/31/2002. OMB 06510031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	09/779,202
				Filing Date	February 07, 2001
				First Named Inventor	FAN et al.
				Group Art Unit	1643 1634
				Examiner Name	Not Yet Assigned
Sheet	2	of	3	Attorney Docket Number	A-69850-1/DJB/RMS/DCF

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
u	20	6,251,639	B1	Kurn	06/2001	
	21	6,268,148	B1	Barany et al.	07/2001	
	22	6,274,323	B1	Bruchez et al.	08/2001	
✓	23	6,284,465	B1	Wolber	09/2001	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ³	Number ⁴	Kind Code ² (if known)				
u	24	WO	97/46704	A1	Lynx Therapeutics Inc.	12/1997		
	25	WO	98/04746	A1	Mount Sinai School of Medicine of the City University of New York	02/1998		
	26	WO	98/13523	A1	Pyrose-Quencing AB	04/1998		
	27	WO	98/31836	A1	Hyseq Inc.	07/1998		
	28	WO	99/39001	A2	Amersham Pharmacia Biotech	08/1999		
	29	WO	99/64867	A1	Amersham Pharmacia Biotech	12/1999		
	30	WO	00/58516	A2	Whitehead Institute for Biomedical Research	10/2000		
✓	31	WO	00/71992	A1	Illumina Inc.	11/2000		

Examiner Signature	<i>Julie W</i>	Date Considered	6/27/2003
--------------------	----------------	-----------------	-----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

1090110

PTO/SB/8B (08-00)

Approved for use through 10/31/2002. OMB 06510031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/779,202	
		Filing Date	February 07, 2001	
		First Named Inventor	FAN et al.	
		Group Art Unit	1645-1634	
		Examiner Name	Not Yet Assigned	
3	of	3	Attorney Docket Number	A-69850-1/DJB/RMS/DCF

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

[illegible]

Examiner Signature	<i>[Signature]</i>	Date Considered	6/27/2003
-----------------------	--------------------	--------------------	-----------

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English Language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20731.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

1090110

AUG 19 2002

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/779,202	AUG 21 2002
Filing Date	February 07, 2001	
First Named Inventor	FAN et al.	TECH CENTER 16001
Group Art Unit	1645	
Examiner Name	Not Yet Assigned	Frank Lu
Attorney Docket Number	A-69850-1/DJB/RMS/DCF	

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
W	1	5,494,810		Barany et al.	02/1996	
/	2	5,604,097		Brenner	02/1997	
	3	5,632,957		Heller et al.	05/1997	
—	4	5,763,175		Brenner	06/1998	
—	5	5,780,231		Brenner	07/1998	
—	6	5,795,714		Cantor et al.	08/1998	
—	7	5,830,711		Barany et al.	11/1998	
—	8	5,976,797		Mitsuhashi	11/1999	
—	9	6,027,889		Barany et al.	02/2000	
—	10	6,054,564		Barany et al.	04/2000	
↓ —	11	6,096,496		Frankel	08/2000	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ² (if known)				
W	12	WO	93/25563	A1	City of Hope	12/1993		
—	13	WO	94/02515	A1	Bunsen Rush Laboratories Inc.	02/1994		
—	14	WO	95/21271	A1	Molecular Tool Inc.	08/1995		
—	15	WO	95/16918	A1	Combichem Inc.	06/1995		
—	16	WO	96/15271	A1	Abbott Laboratories	05/1996		
—	17	WO	96/30392	A1	Ciba-Geigy AG	10/1996		
—	18	WO	97/31256	A2	Cornell Research Foundation, Inc.	08/1997		
—	19	WO	97/45559	A1	Cornell Research Foundation, Inc.	12/1997		

Examiner Signature	<i>[Signature]</i>	Date Considered	12/9/2002
-----------------------	--------------------	--------------------	-----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

1090110

AUG 19 2002

Approved for use through 10/31/2002. OMB 06510031
 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

Complete if Known

RECEIVED

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Application Number	09/779,202
Filing Date	February 07, 2001
First Named Inventor	FAN et al.
Group Art Unit	1645
Examiner Name	Not Yet Assigned
Attorney Docket Number	A-69850-1/DJB/RMS/DCF

AUG 21 2002

TECH CENTER 1600/2900

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
W	20	6,251,639	B1	Kurn	06/2001	
	21	6,268,148	B1	Barany et al.	07/2001	
	22	6,274,323	B1	Bruchez et al.	08/2001	
	23	6,284,465	B1	Wolber	09/2001	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ² (if known)				
W	24	WO	97/46704	A1	Lynx Therapeutics Inc.	12/1997		
	25	WO	98/04746	A1	Mount Sinai School of Medicine of the City University of New York	02/1998		
	26	WO	98/13523	A1	Pyrose-Quencing AB	04/1998		
	27	WO	98/31836	A1	Hyseq Inc.	07/1998		
	28	WO	99/39001	A2	Amersham Pharmacia Biotech	08/1999		
	29	WO	99/64867	A1	Amersham Pharmacia Biotech	12/1999		
	30	WO	00/58516	A2	Whitehead Institute for Biomedical Research	10/2000		
	31	WO	00/71992	A1	Illumina Inc.	11/2000		

Examiner Signature	<i>[Signature]</i>	Date Considered	12/9/2002
--------------------	--------------------	-----------------	-----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

1090110

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Complete if Known

(Use as many sheets as necessary)

Application Number	09/779,202	AUG 21 2002
Filing Date	February 07, 2001	
First Named Inventor	FAN et al.	TECH CENTER 1600A
Group Art Unit	1645	
Examiner Name	Not Yet Assigned	
Attorney Docket Number	A-69850-1/DJB/RMS/DCF	

[illegible]

Examiner Signature	<i>[Signature]</i>	Date Considered	12/9/2002
-----------------------	--------------------	--------------------	-----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English Language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

1090110